

SOROKOUNOV, P. Agronomer

"Harvest and storage of forage root plants. (Plants with edible roots)."

SO: Veterinariya 27(9), 1950, p. 42

FALALEYEV, S.N.; SOROKOUMOV, R, student

Description of the spruce-fir forest types in the region of
the Achinsk-Abalakovo railroad. [Trudy] STI 35:302-108 '63
(MIRA 18:2)

SOROKOUNOV, P.S., kandidat meditsinskikh nauk

Treatment of renal tuberculosis in open and active forms of pulmonary tuberculosis; data of the urologic ward of the tuberculosis hospital. Urologiia no.2:17-21 Ap-Je '55
(MLRA 8:10)

1. Iz urologicheskogo otdeleniya tuberkuleznoy bol'nitsy
(nauchnyy rukovoditel' prof. A.M.Gosparyan) Leningrad, St.
Razliv.

(TUBERCULOSIS, RENAL, complications,
tuberc.,pulm.,ther.)

(TUBERCULOSIS, PULMONARY, complications,
tuberc.,renal.,ther.)

PASYNKOV, Ye.I.; SOROKOUMOV, V.N. (Moskva)

Niels Finsen (100th anniversary of his birth). Vop. kur.,
fizioter. i lech. fiz. kul't. 26 no.5:473-474 S-0 '61.
(MIRA 14:11)

(FINSEN, NIELS RIJBERG, 1860-1904)

SOROKOUMOV, Ye.A.

Introducing practices borrowed as a result of missions for ex-
changing experiences. Opyt rab. po tekhn. inform. i prop. no.4:
7-8 '63. (MIRA 17:1)

1. Nachal'nik Byuro tekhnicheskoy informatsii Volgogradskogo za-
voda traktornykh detaley i normaley.

SOROKOUMOVA, T.I.; CHESNOKOV, N.A.

Calibration liquids and the control test of viscosimeters
having the diameters of capillaries above 2 mm. Trudy inst.
kom. stand., mer i izm. prib. no.68:80-85 '63.

(MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii
im. D.I. Mendeleyeva.

MALYAROV, G.A. [deceased]; SOROKOUMOVA, T.I.; STEPANOV, L.P.;
STUL'GINSKAYA, I.A.

Calibration liquids for the control test of viscosimeters.
Trudy inst. Kom. stand., mer i izm. prib. no.68:86-99 '63.
(MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii
im. D.I. Mendeleyeva.

SOROKOV, D.S.

Principal results of the Lena expedition of 1958. Inform.
biul. NIIGA no. 11: 65-66 '58. (MIRA 12:6)
(Lena Valley--Petroleum geology)
(Lena Valley--Gas, Natural--Geology)
(Olenek Valley--Petroleum geology)
(Olenek Valley--Gas, Natural--Geology)

SOROKOV, D.S.

Stratigraphy and facies of marine Mesozoic sediments in the Lena-
Olenek area. Trudy nauch.-issl. inst. geol. Arkts. 85:20-36 '58.
(MIRA 12:8)

(Lena Valley--Geology, Stratigraphic)
(Olenek Valley--Geology, Stratigraphic)

SOROKOV, D.S.

Stratigraphy of Triassic sediments in the central sector of
the Soviet Arctic. Trudy NIIGA 92:36-43 '58.
(MIRA 13:4)
(Russia, Northern--Geology, Stratigraphic)

SOROKOV, D.S.

Results of the field work of the Lena Expedition, 1959. Inform.-
biul.NIIGA no.16:46-48 '59. (MIRA 15:3)
(Olenek Valley—Petroleum geology)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001652520006-4

VOL'NOV, D.A.; SOROKOV, L.S.

Geology of Bennett Island. Trudy NIIGA 123:5-18 '61.
(NIIRA 14:10)

(Bennetta Island--Geology)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001652520006-4"

GRABOVSKY, I.S.; KALILKO, N.P.; PUK, P.S.; SOROKOV, D.S.

Further trends in oil prospecting in the basic promising regions of northern Siberia. Trudy NIIGA 12:95-101 '61.
(MIRA 14:10)

(Russia, Northern Siberia geology)

SOROKOV, D.S.

Oil and gas potentials in the Lena-Olenek area. Trudy
NIIGA 123:102-108 '61. (MIRA 14:10)
(Lena Valley—Petroleum geology)
(Lena Valley—Gas, Natural)

TEST, B.I.; OSIPOVA, Z.V.; SYCHEV, V.Ya.; SOROKOV, D.S., nauchnyy red.;
TOKAREVA, T.N., vedushchiy red.; SAFRONOVA, I.M., tekhn.red.

[Mesozoic sediments of the Zhigansk region] **Mesozoiskie**
otlozheniya Zhiganskogo raiona. Leningrad, Gos. nauchn.-tekhn.
izd-vo neft. i gorno-topl. lit-ry, Leningr. otd-nie, 1962.
117 p. (Leningrad. Nauchno-issledovatel'skii institut geologii
arktiki. Trudy, vol. 131). (MIRA 15:11)
(Verkhoyansk Range—Geology)

L 24872-667 EWT(1) OS/GW
ACC NR: A15028973

SOURCE CODE: UR/0000/64/000/000/0260/0272

AUTHOR: Pritula, Yu. A.; Grigor'yev, V. M.; Mandel'baum, M. M.; Mikutskiy, S. P.;
Mokshantsev, K. B.; Sorokov, D. S.

32
B

ORG: none

TITLE: Oil and gas deposits of the Siberian platform

SOURCE: International Geological Congress, 22d, New Delhi, 1964. Geologiya nefti
(Petroleum geology). Moscow, Izd-vo "Nauka," 1964, 260-272

TOPIC TAGS: geology, natural gas, petroleum fuel, physical geology, geologic exploration

ABSTRACT: The old Siberian Platform occupies a large territory in Central Siberia. Late Pre-Cambrian (Sinian) and Lower Paleozoic sedimentary marine formations are extensively developed on the platform, overlain by Middle Paleozoic and Mesozoic deposits over large areas. Characteristic features are the presence of rock salt in Lower Cambrian and of traps in Carboniferous-Triassic series. The main structures of the platform are: Anabar, Aldan, Patom, Yenisei, and Turukhan-Norilsk anteclices, and Angara (Irkutsk amphitheater), Tunguska, and Vilyui syneclices. In the north the platform borders on the Pre-Taimyr, Anabar-Lena and Pre-Verkhoyansk fore-deeps. These major first order structures are complicated by numerous gentle swells and local uplifts. Oil and gas shows are extensively developed all over the Siberian Platform.

Cord 1/2

L 24872-66

ACC NR: A75028973

Geological conditions in sedimentary basins on the platform and in flanking fore deeps are favorable for generation, accumulation, and preservation of oil and gas deposits. The total area of these sedimentary basins is over 3,000,000 km². Exploration for oil and gas was conducted on a limited scale. Oil- and gas-bearing formations were found in Late Pre-Cambrian, Lower Cambrian, Ordovician, Devonian, Permian, Triassic, Jurassic and Cretaceous deposits. Gas condensate was discovered in Jurassic sandstones in the Vilyui syncline and Pre-Verkhoyansk fore-deep. Lower Cambrian rocks within the Siberian Platform are regionally oil- and gas-bearing. The large Markovo light oil field was discovered in these rocks in the south of the platform. Orig. art. has: 2 figures. [Author's abstract.]

SUB CODE: 08/ SUBM DATE: 21Nov64/

Card 212 plan

BAT', Moisey Iosifovich; KEL'ZON, Anatoliy Saulovich; SOROKOV, Solomon Abramovich; LEVANTOVSKIY, V.I., red.; AKHLAGOV, S.P., ~~red.~~ ~~red.~~

[Collection of problems in theoretical mechanics; for technical schools] Sbornik zadach po teoreticheskoi mekhanike; dlja tekhnikumov. Pod red. A.S.Kel'zona. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1958. 320 p. (MIRA 12:2)
(Mechanics--Problems, exercises, etc.)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001652520006-4

SOROKOV, S.A.

Vibration of circular arches subjected to concentrated loads.
(MIRA 11:6)
Trudy LPI no.192:154-167 '58.
(Arches--Vibration)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001652520006-4"

188T85

SOROKOVA, P. F.

USSR/Medicine (Vet) - Blood Transfusion Jun 51

"Significance of Hemoheteroagglutination in the
Transfusion of Blood of Another Species," Prof S. G.
El'tsov, P. F. Sorokova, Aspirant, Moscow Vet Acad

"Veterinariya" Vol XXVIII, No 6, pp 50-54

In regard to agglutination, erythrocytes of cattle
were found to be compatible in vitro with the serum
of horses and dogs, erythrocytes of horses incompat-
ible with serum of cattle or dogs. In actual trans-
fusions, cattle blood compatible in regard to agglu-
tination was well tolerated by horses, but not so
well by dogs: 3-4 ml per 1 kg of wt already pro-
duced hemotransfusion shock.

188T85

LC

1. SOROKOVIK, N.
2. USSR (600)
4. Building Trades - Study and Teaching.
7. Are such programs necessary? Sel'. stroi. 2 no.7. 1947.

9. Monthly List of Russian Accessions. Library of Congress. March 1953. Unclassified.

SOROKOVIK, N.S., dotsent, kand.tekhn.nauk, polkovnik.

Using astrocompasses during night or day flights. Vest.Vozd.Fl.
40 no.7:45-53 Jl '57. (MIRA 10:11)
(Navigation (Aeronautics)) (Compass)

Sorokovik, N.S.

86-1-26/30

AUTHORS:

Sorokovik, N.S., Col, Docent, Candidate of Technical Sciences; Arutyunov, V.L., Col; Ioffe, M.M., Engr Col, Docent, Candidate of Geographical Sciences; Koshevoy, A.A., Engr Lt Col, Docent, Candidate of Technical Sciences.

TITLE:

New Handbook for Air Navigators (Novyy spravochnik aviatzionnogo shturmana)

PERIODICAL:

Vestnik Vozdushnogo Flota, 1958, Nr 1, pp. 81-83 (USSR)

ABSTRACT:

This article is a critical review of the book "Handbook for Air Navigators" (Spravochnik aviatzionnogo shturmana), edited by V.I. Sokolov, Maj Gen of the Air Force, and published by the Military Publishing House of the Ministry of Defense of USSR in Moscow, 1957, 416 pages.

AVAILABLE:

Library of Congress

Card 1/1

FALEYEV, Georgiy Anatol'yevich; VORONKOVA, V.V., inzh.-tekhnolog; SKRYPNIK, A.V., inzh., Laureat Stalinskoy premii, retsenzent; BAGMET, V.P., inzh., retsenzent; SOROKOVAYA, A.V., inzh., retsenzent; NOZDRINA, V.A., red.; SOKOLOVA, I.A., tekhn.red.

[Equipment for meat enterprises] Oborudovanie predpriiatii miasnoi promyshlennosti. Moskva, Pishchepromizdat, 1961. 428 p.
(Meat industry--Equipment and supplies) (MIRA 14:9)

YEL'TSOV, Sergey Grigor'yevich, prof.; ITKIN, B.Z., dots.; KHARCHENKO,
M.D., dots.; SOROKOVY, P.F., kand. veterinarnykh nauk.; SOLOVEY,
A.S., red.; ZUBRILINA, Z.P., tekhn. red.

[Operative surgery with the principles of the topographical
anatomy of domestic animals] Moskva, Izd-vo sel'khoz. lit-ry,
1958. 375 p. (MIPA 11:12)
(Veterinary surgery)

SOROKOVIC, V.

The decision of the rear echelon commander. No 1.

Tankist, No 12, 1948.

SOURCE: [REDACTED]

Orders to the rear echelon. No 5.

Serial, No 12, 1948.

KAPLAN, B.Ya.; SOROKOVSKAYA, I.A.

Investigations in the field of square-wave polarography.
General relationships in the method. Zav. lab. 28 no.9:
1053-1057 '62. (MIRA 16:6)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy
institut redkometallicheskoy promyshlennosti.
(Polarography)

S/032/62/028/010/001/009
B117/B186

AUTHORS: Kaplan, B. Ya., Sorokovskaya, I. A., and Smirnova, G. A.

TITLE: Determination of copper in metallic indium by square-wave polarography

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 10, 1962, 1188-1191

TEXT: Copper traces in indium were determined by using solutions characterized by two-electron reduction of copper. An acid sulfate medium proved inadequate due to the presence of oxygen. Therefore phosphoric acid was added to shift the peak potentials of copper and oxygen apart without affecting the reversibility of the electrode processes. In sulfuric and phosphoric acid solutions, the inclination of the copper peak is nearly zero. The positive inclination of the copper peak can be increased by raising the phosphoric acid concentration. The potential of mercury sulfate bottom can be kept constant by binding chlorine ions with small quantities of silver nitrate (0.002%). The copper is reduced in two stages when the chloride content is increased. Square-wave polarography makes it possible to determine copper in

Card 1/2

S/032/62/028/012/001/023
B124/B101

AUTHORS: Kaplan, B. Ya., and Sorokovskaya, I. A.

TITLE: Determination of europium oxide in oxides of rare earths by square-wave polarography

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 12, 1962, 1424 - 1427.

TEXT: In accordance with Vlcek's data (Chem. listy, 49, 565 (1955)) it was found that in slightly acid chloride solutions, europium yields none of those reversible reduction peaks that occur in slightly acid, weak-alkaline and neutral Trilon B solutions. Thus the potential of the peak in a solution containing 2% Trilon, 2% borax, 6% sodium chloride, and 2% sodium sulfate is -1.04 v, whereas in solutions containing 1.5% NaH_2PO_4 , 1.5% Trilon, 16% NaCl, and 1.5% Na_2SO_4 , it is -1.20 v. The peak of europium in Trilon solutions can easily be eliminated by an addition of gelatine. In a 10% Trilon solution containing 15% NaCl, europium is reduced reversibly at pH = 8 - 10, and the height of its peak is independent of the pH value. It is not expedient to add a buffer, but much better to neutralize

Card 1/3

S/032/62/028/012/001/023
B124/B101

Determination of europium ...

the slightly acid Trilon solution with a base using phenolphthalein as indicator. Lead producing a peak equivalent to 0.3 - 0.5 mg europium disturbs the determination. Such disturbances due to the lead impurities occurring in all rare earths and their compounds can be eliminated by unithiol additions which, in excessive quantities, shift the europium peak to -0.54 v. Hence the peak can thus be determined only with a minimum of 15-17 mg/l, i.e. some tenths of one cent. The correction for lead can be calculated by the multiple addition method and this may also be used to determine the dependence of the height of the europium on the content of rare earths. At 20, 14, and 10 g samarium oxide per liter, the increase in europium peak is 20, 37, and 45 mm respectively, if the increase in europium concentration is 1 mg/l. If the samarium oxide concentration is increased from 10 to 20 g/l, the decrease in europium peak is 53%. The same increase in the concentration of a mixture containing 83% neodymium oxide and 10% samarium oxide causes a 17% reduction in peak height. The sensitivity of the europium oxide determination is 0.003% in samarium oxide and 0.001 - 0.002% in neodymium oxide. There are 1 figure and 2 tables.

Card 2/3

S/032/62/028/012/001/023
B124/B101

Determination of europium ...

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy in-
stitut redkometallicheskoy promyshlennosti (State Design
and Planning Scientific Research Institute of the Rare Metals
Industry)

Card 3/3

S/032/63/029/004/001/016
A004/A127

AUTHORS: Kaplan, B.Ya., Sorokovskaya, I.A.

TITLE: Determination of tungsten in ammonium perrhenate by the method of squarewave polarography

PERIODICAL: Zavodskaya laboratoriya, no. 4, 1963, 391 - 392

TEXT: The sensitivity of the colorimetric method of determining tungsten in rhenium products not being sufficiently high, the authors suggest determining tungsten in ammonium perrhenate by the method of square-wave polarography on a 6 n HCl background. They give an account of the disturbing influences of accompanying elements and point out that, with a weighed portion 0.2 g, the sensitivity of the method attains $1 \cdot 10^{-4}\%$. The root mean square deviation of the results does not exceed 26%. A description of the analysis process is given, as well as the formula for establishing the tungsten content, viz. $C = \frac{aB_1}{H [B_2(5 + \Delta V)/V - B_1]} \cdot 10^{-4}\%$, where a = tungsten addition in microgram, H = weighed portion in g, V = addition volume in ml,

Card 1/2

S/032/63/029/004/001/016
A004/A127

Determination of tungsten in ...

B_1 and B_2 = height of peak of the solution to be analyzed and solution with addition respectively. There are 2 figures.

ASSOCIATION: Gosudarstvenny nauchno-issledovatel'skiy i proyektnyy institut redkometallicheskoy promyshlennosti (State Scientific-Research Design and Planning Institute for the Rare Metals Industry)

Card 2/2

ACCESSION NR: AP4039250

S/0032/64/030/006/0659/0661

AUTHORS: Kaplan, B. Ya.; Sorokovskaya, I. A.; Shiryayeva, O. A.

TITLE: Pulse polarograph determination of tellurium traces in metallic antimony, indium, gallium, and bismuth

SOURCE: Zavodskaya laboratoriya, v. 30, no. 6, 1964, 659-661

TOPIC TAGS: tellurium, antimony, indium, gallium, bismuth, polarographic analysis, vector polarograph TsLA, Mervin Harwell polarograph

ABSTRACT: A new procedure based on the square-pulse polarographic analysis was developed for tellurium determination in pure metals. Antimony, indium, gallium, and bismuth were dissolved in a weakly acid potassium chloride solution. Tellurium was reduced to the elementary state by the hydrochloride of hydroxylamine and thiosulfate and then co-precipitated with sulfur (sulfur was chosen because it formed no electroactive substances). Unlike the usual polarographic waves, the pulse-polarographic peaks of acid solutions were proportional to tellurite concentrations. This fact was explained by the different types of the reversibility in the processes taking place during the cathode reduction of elementary tellurium and hydrogen. It

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ACCESSION NR: AP4039250

was required to obtain those conditions under which the slope of the tellurium peaks would be minimal. This requirement was satisfied when a potassium chloride solution with pH = 1.5 - 2.5 was used (it was later proved that analogous tellurium peaks may be obtained with pH = 2-3). The polarograms were registered by a Mervin-Harwell or a vector TSLA polarograph. High acidity of the tellurium solution helped to prevent the pollution of residue with bismuth, antimony, arsenic, and other elements. It was established that copper, bismuth, antimony, arsenic, gold, selenium, and other elements produced no significant effects if their contents varied from 0.1 to 1.2%. Tellurium determination was made without a preliminary separation of these elements (except for arsenic and selenium, which affected the height of the peak). A small systematic loss of tellurium occurred during the transfer of the analyzed sample to the solution for polarographic determinations. This error was eliminated by introducing additional tellurium into the primary solutions. The accuracy of this method was approximately $2 \cdot 10^{-5}\%$. Orig. art. has: 1 table and 2 figures.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut redkometallicheskoy promyshlennosti (State Scientific Research and Design Institute of Rare Metal Industry)

Card 2/3

ACCESSION NR: AP4039250

SUBMITTED: 00

DATE ACQ: 18Jun64

ENCL: 00

SUB CODE: MM,GC

NO REF Sov: 005

OTHER: 000

Card 3/3

KAPLAN, B.Ya.; SOROKOVSKAYA, I.A.

Pulsed polarographic determination of selenium traces in metallic
Sb, In, Ga, and Bi. Zav, lab. 30 no.7;783-786 '64.
(MIRA 18;3)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut
redkometallicheskoy promyshlennosti.

KAPLAN, B.Ya.; SOROKOVSKAYA, I.A.

Possibilities of amalgam square-wave polarography with storage.
Zav. lab. 30 no.10:1177-1180 '64. (MIRA 18:4)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut
redkometallicheskoy promyshlennosti.

L-12035-66 EWT(m)/EWP(t)/EMP(b) IJP(c) JD
ACC NR: AP5024141 SOURCE CODE: UR/0075/65/020/009/0927/0933

21
20
80

AUTHOR: Kaplan, B. Ya.; Sorokovskaya, I. A.; Shirayeva, O. A.

ORG: State Scientific-Research and Design Institute of Rare-Metal Industry, Moscow.
(Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut radio-
metallicheskoy promystlennosti)

TITLE: Pulse-polarographic method of solution analysis at elevated temperatures

SOURCE: Zhurnal analiticheskoy khimii, v. 20, no. 9, 1965, 927-933

TOPIC TAGS: polarographic analysis, trace analysis, zinc, gallium-compound,
indium compound, titanium, columbium, tantalum

ABSTRACT: A pulse-polarographic method has been developed for determining zinc in
gallium, antimony, and indium antimonide (after extraction of zinc thiocyanate) in
a hot 1 N solution of NH₄Cl. Dissolve 0.5 g of metal or intermetallide in quartz
crucible by adding 5 ml HNO₃ and 1 ml HCl, evaporate solution to dryness, dissolve
residue in 5 ml HCl (1:1), and transfer into a separatory funnel using 25 ml 10%
solution of NH₄SCN in 1 N HCl. Extract zinc with 25 ml isoamyl alcohol, wash
extract with a solution of NH₄SCN acidified with HCl, re-extract zinc twice in 5-ml

1/2

UDC: 543.253

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L 12035-66

ACC NR: AP5024141

portions of 1M NH_4Cl - 1M Na_4On . In analyses of indium or indium antimonide, centrifuge out the indium hydroxide from the re-extraction after heating briefly. Decant solution into a quartz crucible and add to the transparent re-extract 0.05ml saturated solution of KCl and 5 ml. HNO_3 . After 20-40 minutes (to allow for liberation of N oxides), evaporate solution to dryness with slow heating. The ammonium salts are driven off first in a sand bath and then in the muffle furnace (3 minutes at 350-400 C). Dissolve the dry residue in few ml 1N NH_4Cl , transfer to quartz electrolyzer with water jacket (water temperature in thermostat 85-90C). After passing a current of nitrogen through the solution, use the polarograph with in the range from -1.3 to -0.8 v, and determine the zinc by the method of additions, taking into account the results of the blank run. The pulse-polarographic method has also been developed for determining titanium in niobium, tantalum, and their pentoxides, without separation of bases in hot sulfuric-oxalic acid solutions. The sensitivity of determination is $n \times 10^{-4}\%$. Orig. art. has: 4 figures and 3 tables.

SUB CODE: 0% SUBM DATE: 11May64/ ORIG. REF: 006/ OTH. REF: 009

2/2

SOROKOVSKIY, S.

Potentialities of agricultural production. NTO 5 no.1:37-38 Ja '63.
(MIRA 16:5)

1. Zamestitel' predsedatelya Ukrainskogo respublikanskogo pravleniya
Nauchno-tehnicheskogo obshchestva sel'skogo khozyaystva.
(Agricultural research)

SOROKOVSKIY, S.P., inzh., ad'yunkt; TRACHIK, V.V., inzh., starshiy
assistent

Automatic and remote control on Polish railroads. Avtom.
telem.i sviaz' 4 no.8:45-47 Ag '60. (MIRA 13:8)

1. Varshavskiy politekhnicheskiy institut.
(Poland--Railroads--Signaling)

SOROKOWSKA, Natalia

Modified correspondence and fixation after surgery of strabismus.
Klin. oczna 34 no.4:405-407 '65.

l. Z Katedry Okulistyki Studium Doskonalenia Lekarzy w Akademii
Medycznej (Kierownik: prof. dr. med. W. Arkin).

SOROKOWSKI, P.

Concrete road surfaces in the Soviet Union. p. 179.

DROGOWNICTWO, Vol. 10, No. 8 Aug. 1955

(Instytut Techniki Budowlane) Warszawa.

SOURCE: East European Accessions List Vol. 5, No. 1 Jan. 1956

SCRCKOWSKI, P.

Road and bridge concrete works under winter conditions in the
Soviet Union. p. 258. Vol. 10, no. 11, Nov. 1955; Drogownictwo.

SOURCE: East European Accessions (EEAL), LC, Vol. 5, no. 3, March 1956.

SOROKOWSKI, P.

The twilight of pavements and stone foundations. p. 30
(Instytut Techniki Budowlanej) Warszawa Vol. 11, no. 2, Feb. 1956
DROGOWNICTWO

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

BURGESS, J.

the automobile civilization in the United States. p. 87

International vol. II, no. 4, Apr. 1956

referred

so. East African Archives Ltd. vol. 5, no. 10 Oct. 1956

SOROKOWSKI, F.

SOROKOWSKI, F. Through ways and city thorough-fares bypassing cities. p. 177.
Vol. 11, No. 8, Aug. 1956. DRUGOWNICTWO. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL), Vol. 6, No. 4--April 1957

SROCKOWSKI, F.

SROCKOWSKI, F. Crisis in municipal transportation and its consequences. p. 201.
Vol. 11, no. 9, Sept. 1956. DRUGO NICTWO. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL), Vol. 6, No. 4, April 1957

SOROKOWSKI, P.

SOROKOWSKI, P. Struggle against the city traffic crisis in towns. p. 232

VOL. 11, no. 10, Oct. 1956

DROGOWNICTWO

POLITICAL SCIENCE

Warszawa, Poland

So: East European accession Vol. 6, No. 3, March 1957

SCROCKISKI, P.

Cost of concrete and bituminous road surfaces. p. 119. (Drogownictwo, Vol. 12, No. 5, May 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

SOROKOWSKI, P.

The most recent trends in the development of the technique of soil stabilization p. 147
(DROGOWNICTWO, Vol. 12, No. 6, June 1957 Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957 Uncl.

SOROKOWSKI, P.
~

Application of the "sand-equivalent" test. p.168.

(DROGOWNICTWO. Vol. 12, No. 7, July 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

SOROKOWSKI, P.

SOROKOWSKI, P.

Effectiveness of road investments.

p. 215 (Drogownictwo) Vol. 12, No. 9, Sept. 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

SOROKOWSKI, P.

Soil cement in foreign technology. p. 201

DROGOWNICTWO (Wydawnictwa Komunikacyjne) Warszawa, Poland. Vol. 14,
no. 9, Sept. 1959

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Uncl.

SOROKOWSKI, Paweł, mgr inż.

Possibilities of introducing new methods of studying the bearing capacity of pavements and road foundations in Poland. Techn. drog. prace 1:87-112'63.

SOROKOWSKI, Swietozar

Transistor generator for electromechanical equivalence of the BAR system. Archiw automat 7 no.3/4:489-495 '62.

1. Katedra Automatyki i Telemechaniki, Politechnika, Warszawa.

SOROKOER, V., doktor tekhnicheskikh nauk; VAYNSHTOK, I., inshener;
K KAYSER, L., inzhener.

Using gamma rays for testing the consolidation of stiff concretes.
Stroi.mat., izdel.i konstr. 2 no.5:18-20 My '56. (MLRA 9:8)
(Concrete--Testing) (Gamma rays)

SOROKUN, P.A.

Development of the space dynamics of consecutive visual images
in children. Vop.psikhол. no.6:102-106 N-D '62. (MIRA 16:2)

1. Kafedra pedagogiki i psichologii Pskovskogo gosudarstvennogo
pedagogicheskogo instituta imeni Kirova.
(Space perception) (Child study)

SOROKIN, P.A.

Characteristics of space perception in students of the eighth grade.
Uch. zap. Fskn1.gos.sov.inst. no.61111-16.

Age characteristics of the effect of representations on the space
dynamics of sequential images. II. 1.6137-192

(MIRA 18:20)

1. Kafedra pedagogiki i psichologii Sovetskogo pedagogicheskogo
instituta.

SOROMOTIN, I.I., nauchn. red.; POSTNOV, S.M., nauchn. red.

[From work practices of progressive enterprises] Iz opyta
peredovykh predpriiatii. Moskva, 1964. 45 p.
(MIRA 17:10)

l. Moscow. TSentral'nyy nauchno-issledovatel'skiy institut
informatsii i tekhniko-ekonomiceskikh issledovaniy po les-
noy, tsellyulozno-bumazhnoy, dere woobrabatyvayushchey pro-
myshlennosti i lesnomu khozyaystvu.

SCHIGOPINA, A.F., Cand Agr Sci-- (disc) "The effect of various types
of feeding ^{upon raising the} vitality of rabbits." /Mos/, 1956. 16 pp
(All-Union Sci Res Inst of Animal Husbandry), 120 copies (KL,24-58,121)

ROMANOV, B.; SOROSHKIN, V.

New programs for training and raising the qualifications of drivers.
Avt.transp.34 no.5:30-31 My '56. (MIRA 9:9)
(Automobile drivers)

Sokolik, M. J.

USKOV, A.A., geroy Sotsialisticheskogo Truda; DEGTYAREV, V.I.; PO-
POV, V.K.; GRACHEV, L.I.; KHIZHNYACHENKO, P.Ye.; KOZYUBERDA, A.F.;
PISKUNOV, Ye.S., gornyy inzhener; SEDYKH, D.A.; SOROTOKIN, M.S.;
DARCHIYA, L.V.; TANKILEVICH, A., gornyy inzhener.

Soviet miners celebrate Miner's Day with new achievements in pro-
duction. Ugol' 29 no.8:5-20 Ag '54. (MIRA 7:8)

1. Glavnnyy inzhener kombinata Rostovugol' (for Uskov).
2. Uprav-
lyayushchiy trestom Chistyakovantratsit (for Degtyarev).
3. Up-
ravlyayushchiy trestom Vakhrushevugol' (for Popov).
4. Uprav-
lyayushchiy trestom Molotovugol' (for Grachev).
5. Nachal'nik
shakhty "Zapadnaya-Kapital'naya" tresta Nesvetayantratsit (for
Khizhnyachenko).
6. Nachal'nik shakhty No.7 tresta Nesvetayantratsit
(for Kozyuberda).
7. Nachal'nik shakhty no.17-bis tresta Chisty-
akovantratsit (for Piskunov).
8. Nachal'nik shakhty no.1 "TSentral'-
naya" tresta Krasnoarmayskugol' (for Sedykh).
9. Upravlyayushchiy
trestom Prokop'yevskshakhtstroy (for Sorotkin).
10. Nachal'nik
Stroyupravleniya No.2 tresta Tkvarchelshakhtstroy (for Darchiya).
11. Ol'zherasskoye shakhtostroitel'noye upravleniye (for Tankilevich).
(Coal mines and mining)

SOROTSKAYA, YE.N.

GOLDBERG, D. G., SOROTSKAIA, E. N.

Prefrontal leukotomy in certain psychiatric diseases. Nevropat.
psikhiat., Moskva 19:3, May-June 50. 41-4

1. Of the Psychiatric Clinic (Director—Prof. N. I. Ozeretskiy, Active Member of the Academy of Medical Sciences) and of the Clinic for Nervous Diseases (Director—Prof. Ye. L. Venderovich, Honored Worker in Science), First Leningrad Medical Institute imeni Academician Pavlov.

CLML 19, 5, Nov., 1950

3181 A.C. A. Ye.

AID P - 1127

Subject : USSR/Engineering

Card 1/1 Pub. 78 - 5/25

Author : Soroyan, A. Ye.

Title : Computation of threaded pipe connection with turbo-drilling

Periodical : Neft. khoz., v. 32, #11, 20-22, N 1954

Abstract : Equations for stresses appearing in pipe thread are developed under consideration of various operating factors, such as axial forces, turning moment, reaction of turbo-drill, etc. Two drawings and 3 Russian references (1953).

Institution : None

Submitted : No date

SORRI, B.A., inzhener.

Light signals indicating the entry of sludge into the kiln.
TSement 20 no.4:31 Il-Ag '54. (MLRA 7:9)
(Cement)

SORRI, E.A.

Multiple-limit milliamperemeter for measurements at sonic and
low radio frequencies. Trudy LIKI no. 5:91-94 '59.
(MIRA 13:12)

1. Kafedra tekhnicheskoy elektroniki Leningradskogo instituta
kinoinzhenerov.
(Electric measurements)

SORRI, E.A.

Increase in the dynamic band of magnetostatic recording heads.
Trudy LIKI no.7:49-52 '61. (MIRA 18:3)

1. Kafedra tekhnicheskoy elektroniki Leningradskogo instituta
kinoinzhenerov.

S/187/62/000/006/001/003
D053/D112

AUTHOR: Sorri, E.A.

TITLE: Signal-to-noise ratio in magnetic sound reproduction channels

PERIODICAL: Tekhnika kino i televideniya, no. 6, 1962, 10-17

TEXT: The author gives a systematic treatment of material, uncoordinated in the literature, on the signal-to-noise ratio in magnetic sound reproduction channels. The purpose of this work is to derive formulas for synthesizing various input circuits and for determining the optimum parameters of the sound reproduction channel from the viewpoint of the signal-to-noise ratio. In this article, various input circuits are discussed and formulas are derived for calculating the signal-to-noise ratio of the reproducing heads, the ideal amplifier, and that of the output channel. It is concluded that the expounded theoretical propositions and the data obtained from experimental tests of reproducing heads and input transformers make

Card 1/2

Signal-to-noise ratio in magnetic sound ...

S/187/62/000/006/001/003
D053/D112

possible a proper approach to the design of various input circuits by comparing the significance of separate noise sources. This makes it possible to detect noise sources in the reproduction channel and to find ways for lessening their influence upon the signal-to-noise ratio of the whole channel. The latter problems will be considered in a follow-up paper. There are 6 figures.

ASSOCIATION: Leningradskiy institut kinoinzhenerov (Leningrad Institute of Motion-Picture Engineers).

Card 2/2

S/187/62/000/007/001/003
D053/D113

AUTHOR: Jorri, E.A.

TITLE: Comparative signal-to-noise characteristics of input circuits
when different methods of frequency compensation are used

PERIODICAL: Tekhnika kino i televideiniya, no. 7, 1962, 31-39

TEXT: This is the sequel to an article published in "Tekhnika kino i televideiniya", no. 6, 1962 [Abstracter's note: the article's title is not given]. The author classifies frequency compensation networks of magnetic sound reproduction channels into 3 basic groups: (1) Networks in which the total required compensation is realized in the amplifying channel after the first stage. (2) Networks in which high- and low-frequency compensations are realized in the amplifying channel and input circuit respectively. (3) Networks using a feedback coupling. These groups are analyzed and the obtained signal-to-noise characteristics of each group compared. The following are the conclusions based on the results of a theoretical and experimental investigation described in this and the foregoing articles: (1) A frequency compensation in the reproduction

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Comparative signal-to-noise characteristics

S/187/62/000/007/001/003
D053/D113

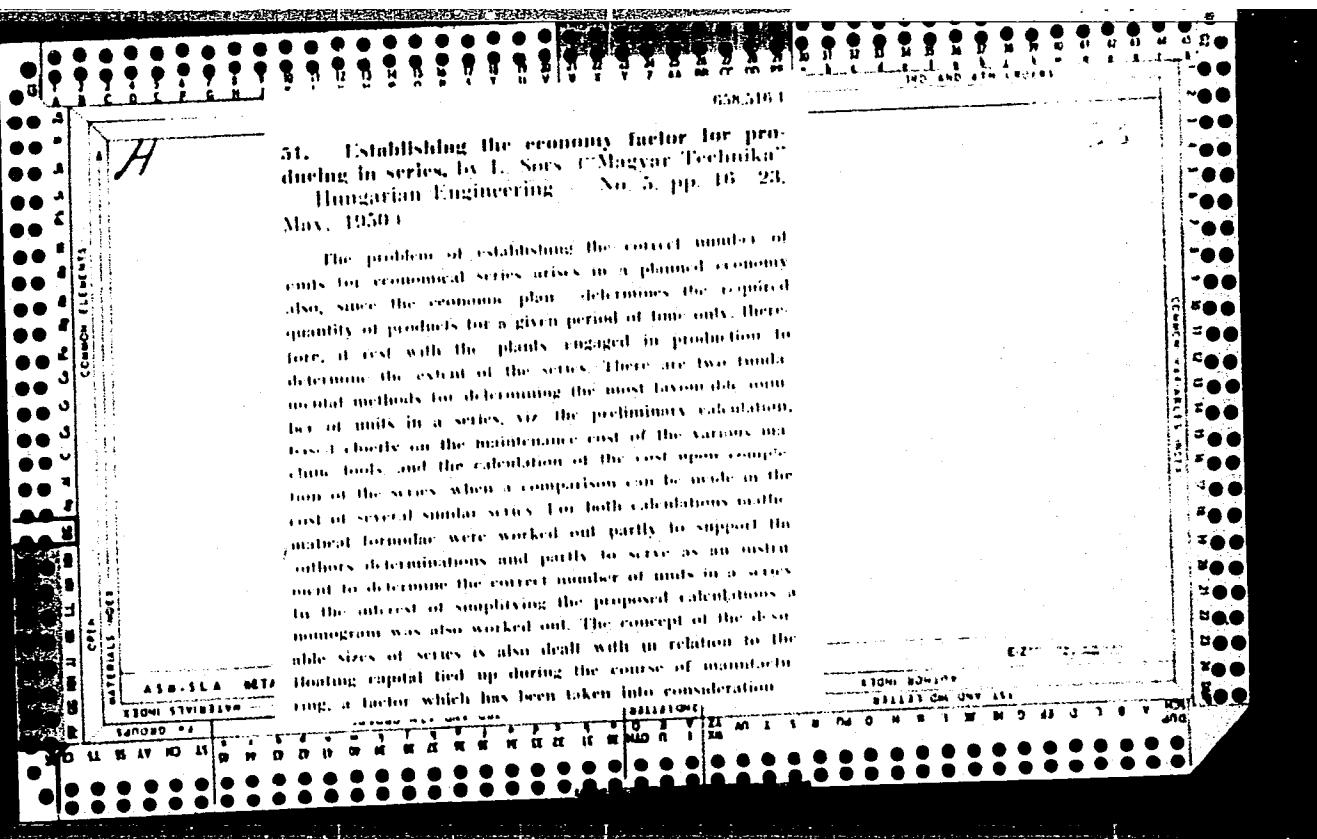
channel changes the signal-to-noise ratio at the input in comparison with the same ratio at the output. Thereby, the magnitude of this change may depend upon the accepted method of evaluating the signal-to-noise ratio of the input element. (2) An integral criterion is introduced to enable the noise properties of reproducing heads to be evaluated simply. This criterion, which accounts for the frequency interdependence of the basic head parameters and for the result of the amplifier frequency compensation, can be used for determining the magnitude of the signal-to-noise ratio at the noiseless channel output. (3) A method is given for calculating an optimum working-gap width of the magnetic head from the viewpoint of securing a maximum signal-to-noise ratio. (4) The reactive load component does not change the signal-to-noise ratio when a particular linear-through-frequency characteristic is used in the reproduction channel. (5) An optimum transformation factor from the viewpoint of the signal-to-noise ratio cannot be realized in a network without a feedback coupling to the input circuit. (6) The use of input transformers with ferrite magnetic circuits is advisable. Their design can be further simplified when used in networks with a feedback coupling. There are 6 figures and 3 tables.

Card 2/2

SORS, K.; HOLCOVA, M.; POLASEK, J.; SIKOVA, L.

Our experience with a modified Swan-Wahlgren test. Cesk. oftal.
21 no.6:503-508 N '65.

1. Ustav pro napravu vad zraku v Machninc (vedouci lekar MUDr.
K. Sors) a Vyzkumnny ustav zvukove, obrazove a reprodukcn techniky
v Praze (reditel RNDr. M. Jahoda).



SORS, L.

"Design of eccentrics" p. 288, (GEP, Vol.5, no. 6, July 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

SORS, L.

"Design of springs." p. 336, (GEP, Vol. 5, no. 7, July 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

SORS, L.

"Measuring Reamed Holes." p. 576. (Gen. Vol. 5, no 12 Dec. 1953 Budapest.)

Vol. 3, no 6

SO: Monthly List of East European Accessions. /Library of Congress, June 1954, Uncl.

SORS, L.

Hungarian Technical Abst.
Vol. 6 No. 1
1954

⑦ 658-543-001-35
33. The selection of characteristic models and the correlation of the time required for the manufacture of geometrically similar products. — *L'ezelipusok kiválasztása és geometrikus flag hasonló gyártásnuyak munkaidőinek összefüggése*. — L. Sors. (Hungarian Engineering — *Magyar Technika* — Vol. 8, 1953, No. 2, pp. 80—84, 2 figs.)

The planning of "characteristic types" makes the planning of plants and factories much easier. From among geometrically similar products manufactured with the same technology the one most in demand is understood to mean the "characteristic type". Calculations for the other products must be converted — on the basis of manufacturing time — into those of the "characteristic type". The time for manufacturing geometrically similar products may be determined from the manufacturing time of two given types by means of interpolation on a parabola of the n th degree where the value of n is 0.66 for cutting operations, 0.80 for assembling, 0.90 for electrical and 0.80 for gas welding, and 0.66 for forging. If the manufacturing time of one product is known, the manufacture of the other type may be calculated by applying the above exponents and by assuming that down times average about 15 to 25 percent of the total machining time.

SOMS, L.

"Sizes of Cogwheels in the Light of Their Life Expectancy", p. 760
(MAGYAR TECHNIKA, Vol. 8, no. 12, Dec. 1953, Budapest, Hungary).

Source: Monthly List of East European Accessions, LC, Vol. 3, no. 5,
May 1954/Uncl.

CCRS, L.

"Designing Automatic, Uniformly Elevated Steering Discs", P. 480, (GEP,
Vol. 6, No. 10, October 1954, Budapest, Hungary)

CC: Monthly List of East European Accessions (EPAI), LC, Vol. 4, No. 3,
March 1955, Uncl.

SORS, L.

SORS, L. - Gep - Vol. 7, no. 5, May 1955.

Computing axes for turning and torsion. p. 200.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

SORS, L.

SORS, L. Measuring axles for bending and turning. p. 24C.

Vol. 7, No. 6, June 1955.

GEP.

TECHNOLCOY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

SORS, L.

Torsional self-oscillations of axles. p. 329.
Vol 7, no. 8, Aug. 1955. GEP. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

KRD, L.

Critical revolutions per minute of axles. p. 360. GEP. Budapest.
Vol. 7, no. 9. Sept. 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2, Feb. 1956.

S. DS, L.

SCRS, I. Definition of reaction force (bearing pressure of axles with several bearings) on girders. p. 399.

Vol. 7, No. 10, Oct. 1955.

CEP.

TECHNOLOGY

Budapest, Hungary

Sc: East European Accession, Vol. 5, No. 5, May 1956

SORS, L.

Angle of beams. p. 480.
Vol 7, no. 12, Dec. 1955. GEP. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

SORS, L.

Determination of the moment of inertia. p. 40. GEP. (Gepipari Tudomanyos Egyesulet)
Budapest. Vol. 8, no. 1, Jan. 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, no. 6, June 1956

SORS, L.

Determination of the moment of inertia corresponding to the principal axis
of inertia. p.200. GEP. Budapest. Vol. 8, no. 5, May 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, No. 12, December 1956

SORS, L.

Determination of tension occurring in bending plain-curved beams. p. 360
Vol. 9, No. 9 Sept. 1956. GEP. Budapest, Hungary.

SOURCE: East European List, EEL) Library of Congress Vol. 6, N^o. 1
January 1956.

SORS, L.

Measuring coiled rubber rings used for clamping. p. 80.
(Gep., Vol. 9, no. 2, April 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 9, Sept. 1957. Uncl.

SORS, L.

Interesting little technological things.

p. 182 (Gep) Vol. 9, No. 5, July 1957, Budapest, Hungary

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

SORSHE R, I.I.; SHOFMAN, M.S.

Introducing an automatic line for zinc plating of parts.
Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i
tekh.inform. 18 no.11:9 N '65.

(MIRA 18:12)

SORSHER, S.I. (Gomel')

Connecting new consumers with water mains. Vod. i san. tekhn.
no.9:38-39 S '58. (MIRA 11:10)
(Water supply engineering)

SORSHER, S.I. (Gomel')

Packing the stuffing box of the valve without shutting it. Vod. i
san.tekh. no.11:39 N '58. (MIRA 11:12)
(Gates, Hydraulic)

GROMYKO, I.P., inzh. (Gomel') ; SORSHER, S.I., inzh. (Gomel')

Water post without a well. Vod.i san.tekh. no.4:34-35 Ap '62.
(MIRA 15:8)

(Water supply)

SOLOVEY, D.Ya., kand.khim.nauk; SORSKAYA, E.M., inzh.; KAZAKEVICH, Ye.S.,
inzh.

Corrosion resistance of the reinforcement in air-entrained
silicate concrete, air-entrained cinder concrete and keramzit
concrete. Sbor. trud. ROSNIIMS no.20:76-83 '61. (MIRA 16:1)
(Concrete reinforcement—Corrosion)
(Lightweight concrete)

SORSKIY, A.A., CHERTKOVA, Ye.I., BELOUSOV, V.V., GORYACHEV, A.V., KIRILLOVA, I.V.

"Redistribution of material within crustal layers and folding", Soviet Geology, Sovetskaya geologiya, No 59, 1949.

SORSKIY, A.A.

"On the mechanics of Tectonic lens formation of Rocks", DAN SSSR, 72, No 9, 1950.